

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/1852,100

Source: OIPE

Date Processed by STIC: 6-6-01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§ 1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/852,100

DATE: 06/06/2001
TIME: 12:46:08

Input Set : A:\PTO.txt
Output Set: C:\CRF3\06062001\I852100.raw

1 <110> APPLICANT: American Home Products<120>
W--> 2 <130> FILE REFERENCE:
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C--> 3 <140> CURRENT APPLICATION NUMBER: US/09/852,100
C--> 3 <141> CURRENT FILING DATE: 2001-05-09
3 <150> PRIOR APPLICATION NUMBER: US 09/172,990<151> 1998-10-14<150> US 60/104,104<151>
1998-04-14
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W--> 5 <150> PRIOR APPLICATION NUMBER: US 60/064,583<151> 1997-04-16<160> 2 <170> PatentIn
version

Does Not Comply
Corrected Diskette Needed
PP. 1-2-3

Format errors. Possible PatentIn 3.0 "bug".
Insert "hard returns" where arrows indicate.)

ERRORED SEQUENCES

W--> 6 <210> SEQ ID NO: 1<211> 810<212> DNA<213> Homo sapiens<220><221> CDS<222>

(See ↓

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W--> 7 <211> LENGTH:

W--> 7 <212> TYPE:

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Attached
Pages)

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48

10 1 5 10 15

12 cag aag aac acg cga aga gac gga act ggc ctc tat cct atg cga ggt

96

13 Gln Lys Asn Thr Arg Arg Asp Gly Thr Gly Leu Tyr Pro Met Arg Gly

14 20 25 30

16 ccc ttt aag aac ctc gcc ctg ttg ccc ttc tcc ctc ccg ctc ctg ggc

144

17 Pro Phe Lys Asn Leu Ala Leu Leu Pro Phe Ser Leu Pro Leu Leu Gly

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192

21 Gly Gly Ser Gly Ser Gly Glu Lys Val Ser Val Ser Lys Met Ala

22 50 55 60

24 gcc gcc tgg ccg tct ggt ccg tct gct ccg gag gcc gtc acg gcc aga

240

25 Ala Ala Trp Pro Ser Gly Pro Ser Ala Pro Glu Ala Val Thr Ala Arg

26 65 70 75 80

28 ctc gtt ggt gtc ctg tgg ttc gtc tca gtc act aca gga ccc tgg ggg

288

29 Leu Val Gly Val Leu Trp Phe Val Ser Val Thr Thr Gly Pro Trp Gly

30 85 90 95

32 gct gtt gcc acc tcc gcc ggg ggc gag gag tcg ctt aag tgc gag gac

336

33 Ala Val Ala Thr Ser Ala Gly Gly Glu Glu Ser Leu Lys Cys Glu Asp

34 100 105 110

36 ctc aaa gtg gga caa tat att tgt aaa gat cca aaa ata aat gac gct

384

37 Leu Lys Val Gly Gln Tyr Ile Cys Lys Asp Pro Lys Ile Asn Asp Ala

38 115 120 125

40 acg caa gaa cca gtt aac tgt aca aac tac aca gct cat gtt tcc tgt

432

41 Thr Gln Glu Pro Val Asn Cys Thr Asn Tyr Thr Ala His Val Ser Cys

42 130 135 140

09/852,100

Insert "hard returns" where indicated.

p. 2

SEQUENCE LISTING <110> American Home Products <120>

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Gln Lys Asn Thr Arg Arg Asp Gly Thr Gly Leu Tyr Pro Met Arg Gly
20 25 30

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Pro Phe Lys Asn Leu Ala Leu Leu Pro Phe Ser Leu Pro Leu Leu Gly
35 40 45

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50 55 60

gcc gcc tgg ccg tct ggt ccg tct gct ccg gag gcc gtg acg gcc aga 240
Ala Ala Trp Pro Ser Gly Pro Ser Ala Pro Glu Ala Val Thr Ala Arg
65 70 75 80

ctc gtt ggt gtc ctg tgg ttc gtc tca gtc act aca gga ccc tgg ggg 288
Leu Val Gly Val Leu Trp Phe Val Ser Val Thr Thr Gly Pro Trp Gly
85 90 95

gct gtt gcc acc tcc gcc ggg ggc gag gag tcg ctt aag tgc gag gac 336
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100 105 110

ctc aaa gtg gga caa tat att tgt aaa gat cca aaa ata aat gac gct 384
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115 120 125

acg caa gaa cca gtt aac tgt aca aac tac aca gct cat gtt tcc tgt 432
Thr Gln Glu Pro Val Asn Cys Thr Asn Tyr Thr Ala His Val Ser Cys
130 135 140

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Phe Pro Ala Pro Asn Ile Thr Cys Lys Asp Ser Ser Gly Asn Glu Thr
145 150 155 160

cat ttt act ggg aac gaa gtt ggt ttt ttc aag ccc ata tct tgc cga 528
His Phe Thr Gly Asn Glu Val Gly Phe Phe Lys Pro Ile Ser Cys Arg
165 170 175

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Asn Val Asn Gly Tyr Ser Tyr Lys Val Ala Val Ala Leu Ser Leu Phe
180 185 190

ctt gga tgg ttg gga gca gat cga ttt tac ctt gga tac cct gct ttg 624
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195

200

205

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 210 215 220

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 Ile Asp Phe Ile Leu Ile Ser Met Gln Ile Val Gly Pro Ser Asp Gly
 225 230 235 240

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 Ser Ser Tyr Ile Ile Asp Tyr Tyr Gly Thr Arg Leu Thr Arg Leu Ser
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 260 265

<210> 2<211> 269<212> PRT<213> Homo sapiens<400> 2 *Insert "hard returns" where indicated*

Met His Ile Leu Lys Gly Ser Pro Asn Val Ile Pro Arg Ala His Gly
 1 5 10 15

Gln Lys Asn Thr Arg Arg Asp Gly Thr Gly Leu Tyr Pro Met Arg Gly
 20 25 30

Pro Phe Lys Asn Leu Ala Leu Leu Pro Phe Ser Leu Pro Leu Leu Gly
 35 40 45

Gly Gly Gly Ser Gly Ser Gly Glu Lys Val Ser Val Ser Lys Met Ala
 50 55 60

Ala Ala Trp Pro Ser Gly Pro Ser Ala Pro Glu Ala Val Thr Ala Arg
 65 70 75 80

Leu Val Gly Val Leu Trp Phe Val Ser Val Thr Thr Gly Pro Trp Gly
 85 90 95

Ala Val Ala Thr Ser Ala Gly Gly Glu Ser Leu Lys Cys Glu Asp
 100 105 110

Leu Lys Val Gly Gln Tyr Ile Cys Lys Asp Pro Lys Ile Asn Asp Ala
 115 120 125

Thr Gln Glu Pro Val Asn Cys Thr Asn Tyr Thr Ala His Val Ser Cys
 130 135 140

Note: For questions regarding Patentin 3.0, contact
 Mr. Robert Wax at 703-306-4119.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/852,100

DATE: 06/06/2001

TIME: 12:46:09

Input Set : A:\PTO.txt

Output Set: C:\CRF3\06062001\I852100.raw

L:2 M:283 W: Missing Blank Line separator, <130> field identifier
L:0 M:201 W: Mandatory field data missing, TITLE INVENTION
L:3 M:270 C: Current Application Number differs, Replaced Current Application No
L:3 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:4 M:289 W: Identifier Missing or Out-Of-Order, <150> PRIOR APP FILING DATE
L:5 M:289 W: Identifier Missing or Out-Of-Order, <150> PRIOR APP FILING DATE
L:6 M:283 W: Missing Blank Line separator, <210> field identifier
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L:7 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:7 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:7 M:282 W: Numeric Field Identifier Missing, <213> is required.
L:7 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:1 differs:0
L:7 M:283 W: Missing Blank Line separator, <400> field identifier
L:0 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (0) Counted (1)